



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Philip GUY, *et al.*

Title: **Non-Symbiotic Plant Hemoglobins to Maintain Cell Energy Status**

Appl. No.: 09/720,206

Filing Date: 05/03/2001

Examiner: Russell Kallis

Art Unit: 1638

**AMENDMENT AND REPLY UNDER 37 CFR § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated March 15, 2004, concerning the above-referenced patent application.

**Amendments to the Specification** are reflected at page 2 of this document.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this document.

**Remarks/Arguments** begin on page 8 of this document.

Please amend the application as follows: